

**EAST Search History****EAST Search History (Prior Art)**

<b>Ref #</b>	<b>Hits</b>	<b>Search Query</b>	<b>DBs</b>	<b>Default Operator</b>	<b>Plurals</b>	<b>Time Stamp</b>
S1	328	pipet\$4 near3 (remov\$3) and spiral \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/05 17:34
S2	1	pipet\$4 near3 (remov\$3) near50 spiral\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/05 17:35
S3	1	pipet\$4 near3 (remov\$3) near100 spiral\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/05 17:36
S4	2	pipet\$4 and tip near3 (remov\$3) near100 spiral\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/05 17:36
S5	0	pipet\$4 and tip near3 (knock\$3) near100 spiral\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/05 17:37
S6	1	pipet\$4 and tip near3 (off \$3) near100 spiral\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/05 17:38

S7	2	pipet\$4 and tip near3 (remov\$4 off\$3) near100 ramp\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/06 11:50
S8	9	(pipet\$4 and tip near3 (remov\$4 off\$3) and (ramp\$3 inclin\$3 or spiral\$4)). clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/06 11:51
S9	16	(pipet\$4 and tip near5 (remov\$4 off\$3) and (ramp\$3 inclin\$3 or spiral\$4 or wave)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/06 11:53
S10	7	S9 not S8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/06 11:53

### EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S11	16	(pipet\$4 and tip near5 (remov\$4 off \$3) and (ramp\$3 inclin\$3 or spiral\$4 or wave)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/11/06 11:56

S12	0	S11 not "3"	US-PGPUB; USPAT; UPAD	OR	ON	2009/11/06 11:56
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**11/ 10/ 2009 10:57:29 AM**

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wsp**